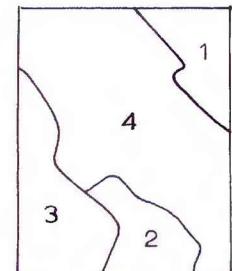
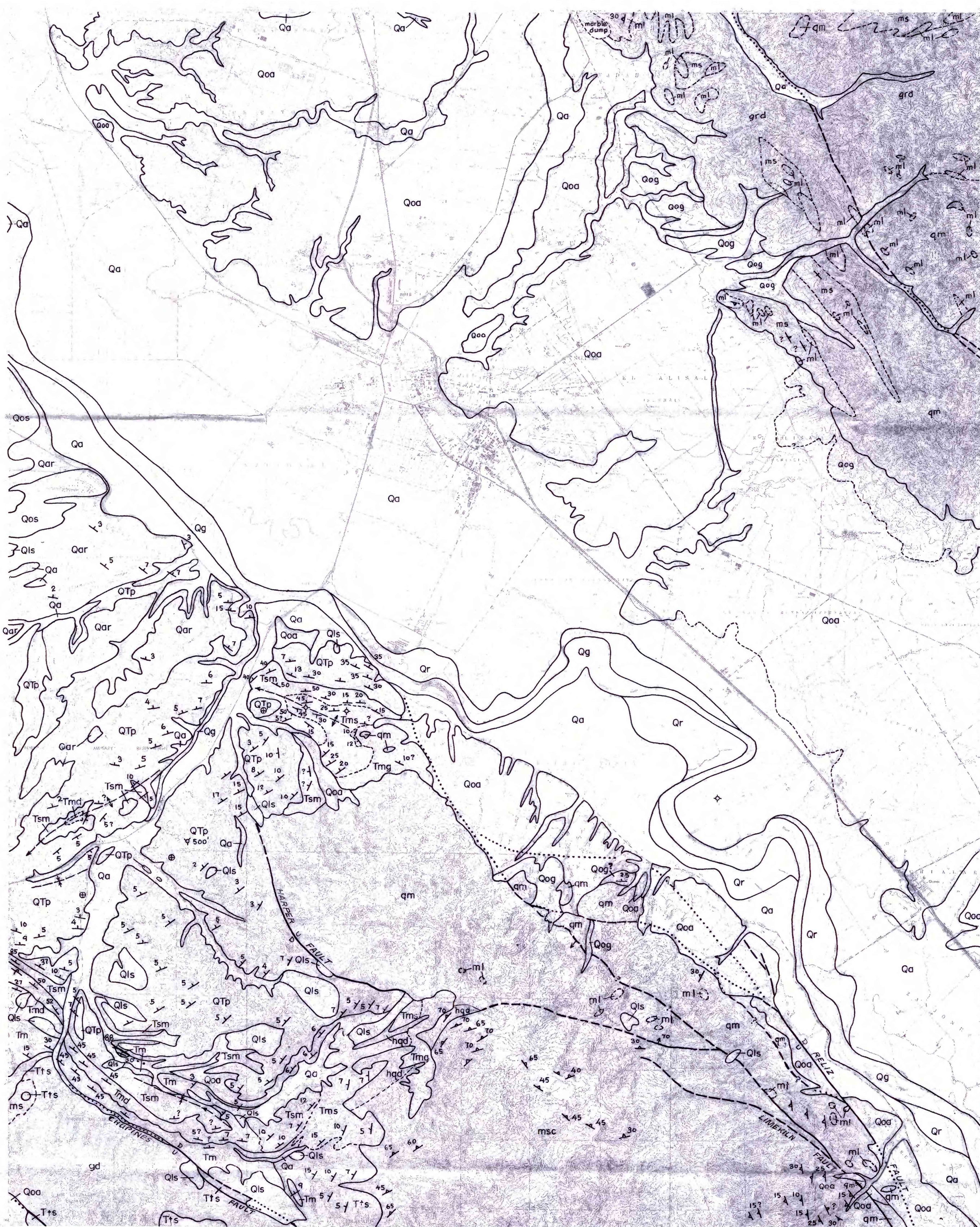


74-1021
SALINAS

U.S. GEOLOGICAL SURVEY
OPEN FILE MAP



INDEX TO SOURCE
OF GEOLOGY

1. Bowen, 1965, and Ross, 1972
2. Bowen, 1965, and Ross, field work, 1973-scale 1:125,000
3. Bowen, 1965, modified by T.W. Dibblee Jr. fieldwork, 1972-73
4. T.W. Dibblee Jr. fieldwork, 1972-73

Contact
Shown dashed where gradational
or approximately located

U
D

Fault
dashed where inferred or indefinite;
querried where existence doubtful;
dotted where concealed & inferred;
U-upthrown side;
D-downthrown side relatively
arrow indicates observed dip of fault

anticline syncline
Axis of fold showing
direction of plunge

Horizontal bedding

Strike and dip of bedding

Strike and dip of foliation

Abandoned well
drilled for oil or gas
(showing known depth in feet)

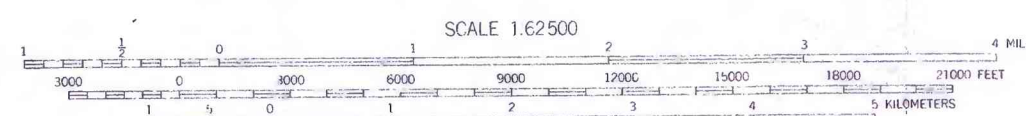
Water well

Quarry



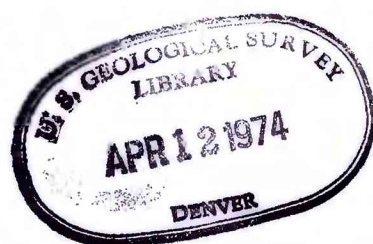
INDEX TO 7 1/2 MINUTE
QUADRANGLE BASE MAPS
SCALE 1:24,000

Base from U.S.G.S. 7.5' topo series: SALINAS; NATIVIDAD;
SPRECKELS; CHUALAR; 1947, (PR68), CALIFORNIA, Compiled
Menlo Park Base Map Unit (8-19)
SCALE 1:62,500



COMPILED BY THOS. W. DIBBLEE JR., 1973
DRAFTED BY G.J. EDMONSTON

GEOLOGIC MAP OF THE SALINAS QUADRANGLE, CALIFORNIA



Qg
Qr
Qa

Surficial deposits
Qg-sand and gravel of
present stream channels
Qr-river sand
Qa-valley alluvium

Qls
Landslide debris

Qos Qoa
Qog

Older surficial deposits
Qos-old dune sand
Qoa-older alluvium
Qog-older gravel and sand

UNCONFORMITY

Qar

Aromas Sand
(of Allen, 1950; Bowen, 1965)
(old wind-blown sand)

QTP

Paso Robles Formation
(valley gravel, sand and clay)

UNCONFORMITY

Tsm

Santa Margarita Sandstone
(white, marine and terres-
trial; upper Miocene)

Tmd Tms
Tm Tmg

Monterey Shale
and unnamed units
(marine, upper Miocene)

Tmd-diatomite of Monterey Shale
(Canyon del Rey Diatomite Member
of Bowen, 1965)

Tm-siliceous shale of Monterey Shale
(Aguaquito Shale Member of Bowen, 1965)

Tms-unnamed sandstone (marine and
terrestrial white arkosic sand-
stone and conglomerate)

Tmg-granitic conglom. and sandstone
(terrestrial)

Tts

Marine sandstone
(light gray, middle Miocene;
Los Laureles Sandst. Mbr. of
Monterey Fm. & Los Tularitos
Sandst. Mbr. of Chamblis Fm.
of Bowen, 1965)

UNCONFORMITY

qm gd grd

Granitic rocks
qm, primarily quartz monzonite
gd, primarily granodiorite
grd, granodiorite

hqd

Dioritic rocks
hqd-hornblende-biotite
quartz diorite to diorite

ml msc

Metasedimentary rocks
ml-marble (include admix-
tures of dioritic
ms-schist-gneiss & granitic rocks)
msc-mica-quartz plagioclase schist

Geology after Bowen (1965 and un-
published maps) modified by T.W.
Dibblee Jr. (fieldwork, 1972-73);
granitic and metamorphic rocks
modified by D.C. Ross (1972 for
northeast area; fieldwork, 1973
for southwest area)

References:
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California: Pacific Section Amer.
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Misc. field inv. Map MF-357,
scale 1:125,000

(200)
R296
74-1021